

**Amendments to the Claims:**

Please amend Claims 19, 21, 22, 23, and 25 as indicated below.

Please add new Claim 29.

The following listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claims 1-18 (canceled).

Claim 19 (currently amended): A method for ~~treating-alleviating-or-protecting against~~ the symptoms of a neurological medical disorder ~~involving~~ mediated by accelerated rates of apoptosis in a mammalian body, which method comprises:

(a) selecting a patient having or suspected of having a neurological medical disorder mediated by accelerated rates of apoptosis;

(b) reacting an aliquot of blood from the mammalian body of said patient ex vivo with ~~a~~ at least one stressor comprising both an:

an oxidative environment stressor wherein the oxidative environment is selected from the group consisting of liquid and gaseous oxidizing agents wherein the gaseous oxidizing agent is a mixture of ozone and medical grade oxygen; and

an ultraviolet light stressor;

and optionally a temperature stressor which is a temperature above or below body temperature

~~selected from the group consisting of a temperature above or below body temperature, ultraviolet light and an oxidative environment;~~

and (c) administering the aliquot of blood treated in step (b) to the mammalian body; thereby reducing the rate of ~~or susceptibility to~~ apoptosis.

Claim 20 (previously presented): The method of claim 19 wherein the aliquot of blood has a volume from about 0.1 - 100 ml.

Claim 21 (currently amended): The method of claim 20 wherein when the temperature stressor is employed said ~~at least one~~ stressor is a temperature in the range from about -5° to 55°C.

Claim 22 (currently amended): The method of claim 20 wherein said ~~at least one stressor~~ is a temperature stressor is a temperature in the range of from about 40° to 50°C.

Claim 23 (currently amended): The method of claim 20 wherein said ~~at least one stressor~~ is an oxidative environment stressor comprises ~~comprising~~ a mixture of ozone and medical grade oxygen, bubbled through the blood aliquot.

Claim 24 (previously presented): The method of claim 23 wherein the gaseous mixture has an ozone content of from about 10-100 µg per ml.

Claim 25 (currently amended): The method of claim 20 wherein said ~~at least one~~ ultraviolet light stressor is ultraviolet light in the UV-C band wavelength.

Claim 26 (previously presented): The method of claim 20 wherein all three stressors are applied to the aliquot simultaneously.

Claim 27 (previously presented): The method of claim 26 wherein said stressors are applied for a period of time from 0.5 to 60 minutes.

Claim 28 (previously presented): The method of claim 27 wherein the time is from about 2 to 5 minutes.

Claim 29 (new): The method of claim 19, wherein the neurological disorder is Parkinson's disease, senile dementia or Alzheimer's disease.